

# COVID-19 Vaccination Update

Wednesday, 12/15/21



# COVID-19 in Virginia: Cases



Dashboard Updated: 12/15/2021

Data entered by 5:00 PM the prior day.

**Total  
Cases\***

**1,006,245**

Confirmed+  
738,649

Probable+  
267,596

**Total  
Hospitalizations\*\***

**40,119**

Confirmed+  
37,707

Probable+  
2,412

**Total  
Deaths**

**15,025**

Confirmed+  
12,605

Probable+  
2,420

## Note on Filters

Select measures to see the data change on one or more of the graphics on the dashboard. Refresh the page to reset the view.

## Select Measure

(Affects Map and Bar Chart)

- Cases
- Hospitalizations
- Deaths

## Select Counts or Rates

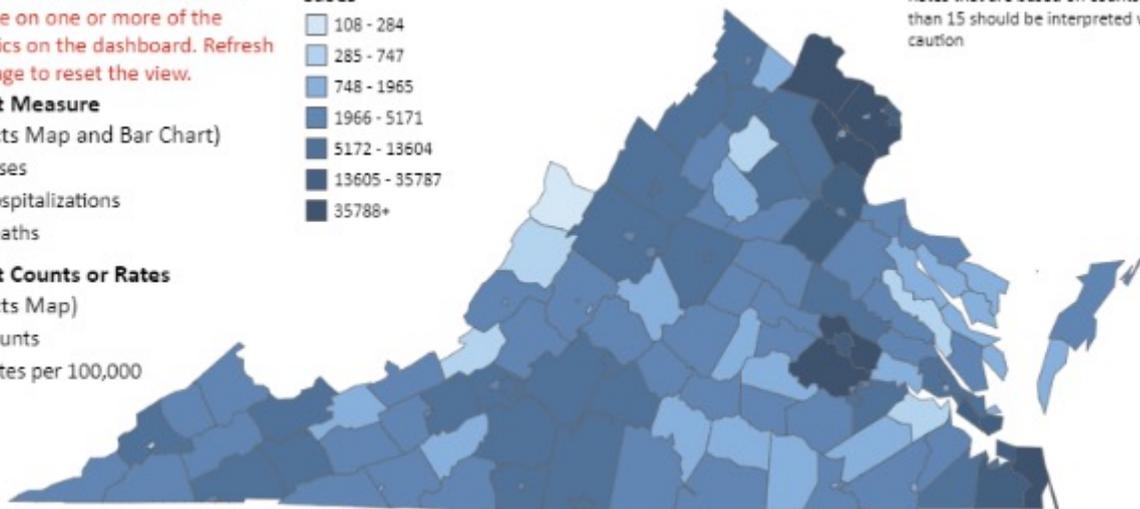
(Affects Map)

- Counts
- Rates per 100,000

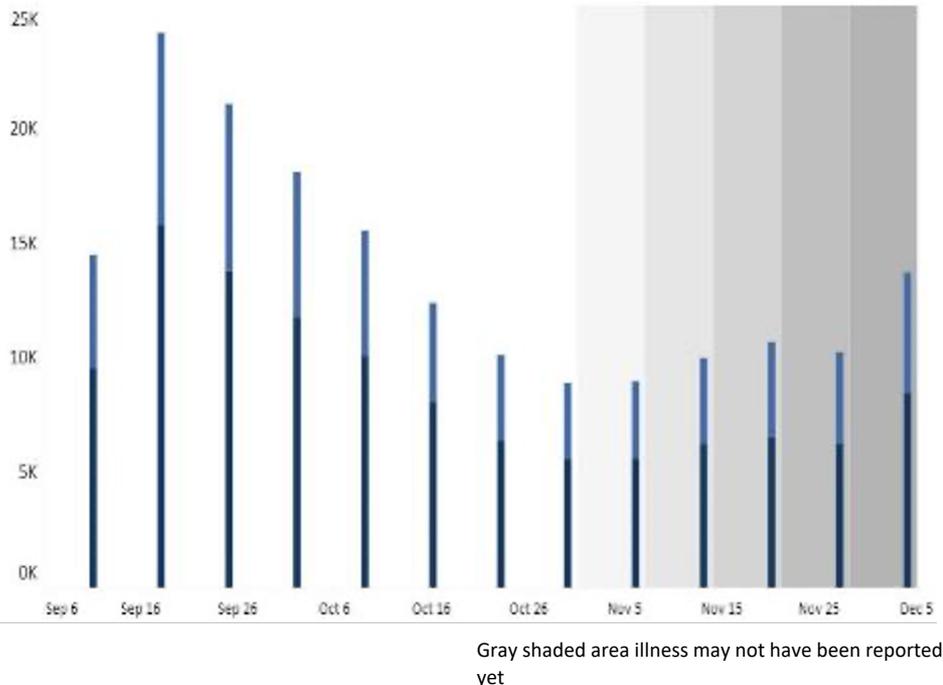
## Counts of Cases

- 108 - 284
- 285 - 747
- 748 - 1965
- 1966 - 5171
- 5172 - 13604
- 13605 - 35787
- 35788+

Rates that are based on counts less than 15 should be interpreted with caution



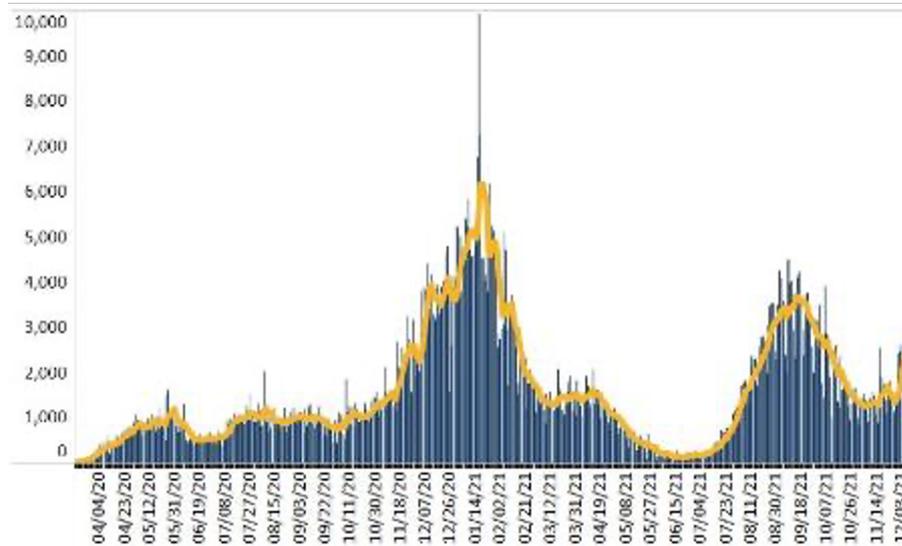
## Cases by Date of Symptom Onset, Past 13 weeks



Compared to last week, **cases increased** to 2,374 (7-day MA) from 1,548 per day (+53%)

- 61% lower than the January peak of 2021
  - 1740% higher than the June low of 2021
  - 36% lower than the September high of 2021
- **Hospitalizations** increased to 1,085 per day (+18%)
  - **Deaths** decreased to 15.4 per day (-23%)

## Cases by Date Reported, All Reporting Timeline

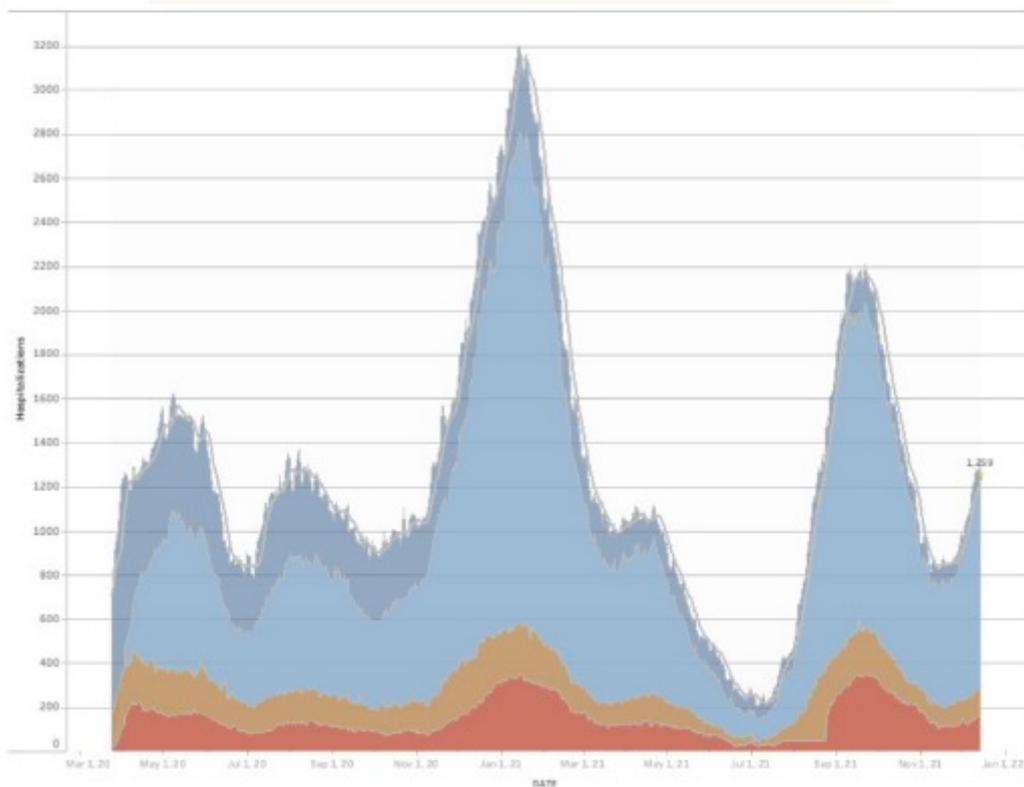


# COVID-19 VHASS Report - Hospitalization Trends

Report Created: 12/14/2021 8:18:16 AM (Updated Daily)

Today's 7-Day Moving Average of Total Current COVID-19 Hospitalizations

1,259



# Deaths per 100,000 Residents

Total Cases*		Total Hospitalizations**		Total Deaths	
<b>1,006,245</b>		<b>40,119</b>		<b>15,025</b>	
Confirmed+	Probable+	Confirmed+	Probable+	Confirmed+	Probable+
738,649	267,596	37,707	2,412	12,605	2,420

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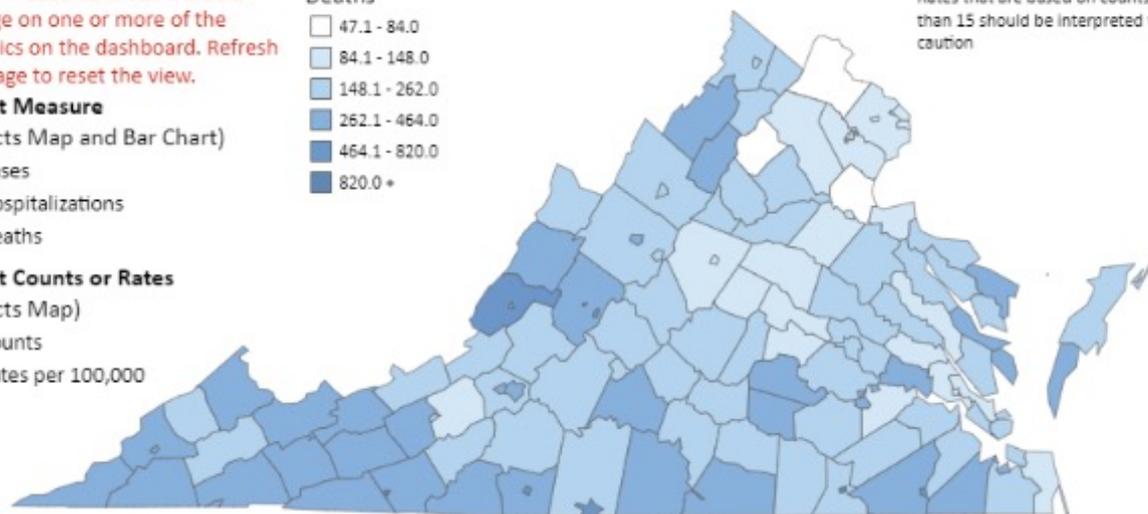
- Counts
- Rates per 100,000

Rates per 100,000 of

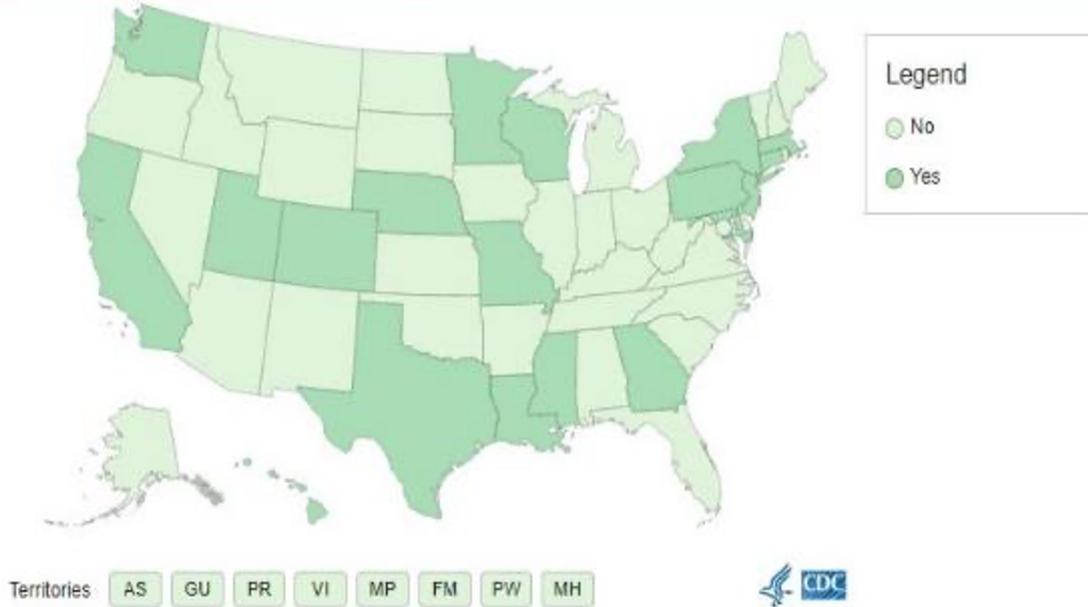
Deaths

- 47.1 - 84.0
- 84.1 - 148.0
- 148.1 - 262.0
- 262.1 - 464.0
- 464.1 - 820.0
- 820.0+

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## US COVID-19 Cases Caused by the Omicron Variant



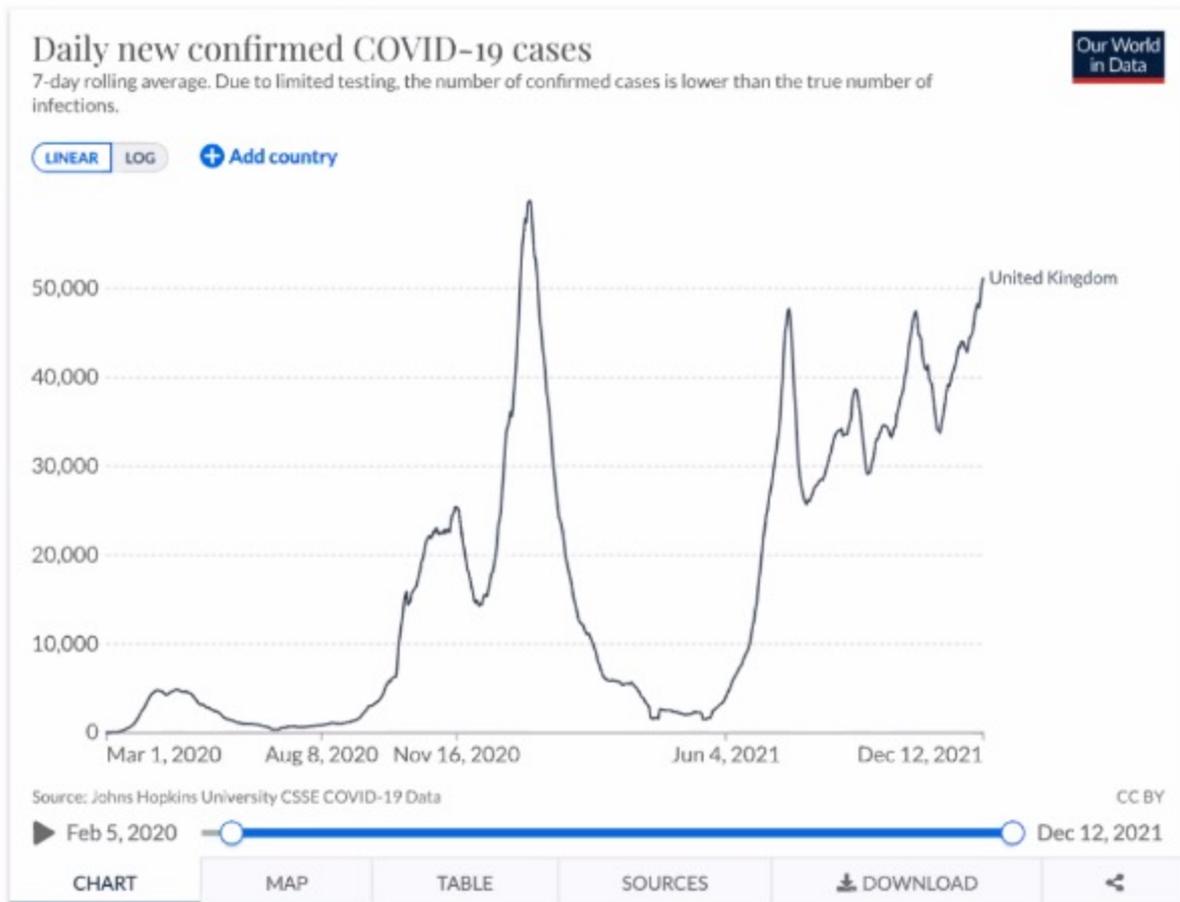
The Omicron variant has been detected in **33** US states

### Emerging Omicron Concerns:

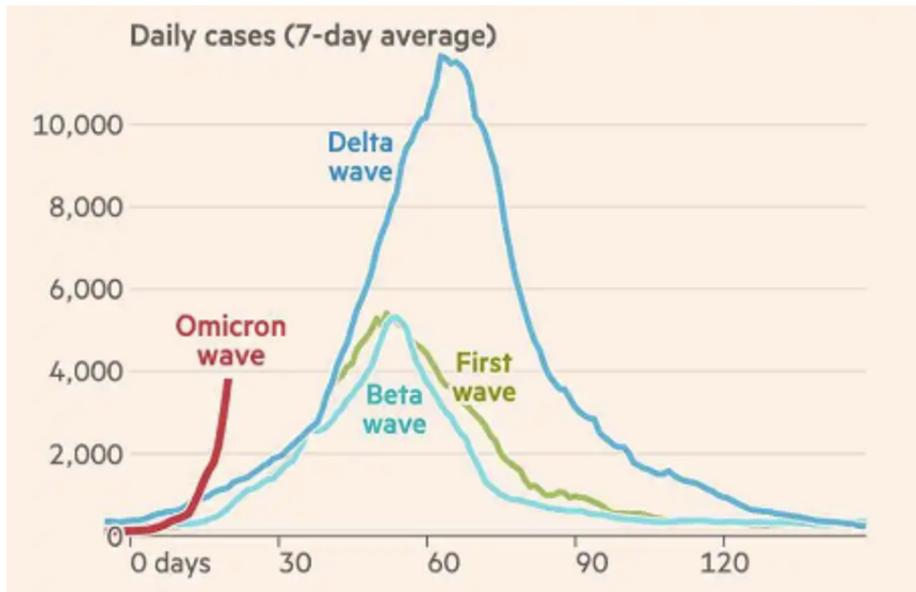
- **Vaccine Effectiveness:** Early indication vaccine can prevent severe cases and protect against hospitalization and death
- **Disease Severity:** Small observed case load shows variant may have no unusual symptoms and be less virulent
- **Transmissibility:** Omicrons rapid increase of cases in South Africa in tandem with complex spike protein indicate a higher likelihood of increased transmissibility
- **Monoclonal Antibody:** Ongoing research needed to measure mAb treatment effectiveness
- **Diagnostics:** CDC monitoring testing equipment; PCR kit utilizing SGTF is early frontrunner to consistently identify Omicron

# U.K. COVID cases

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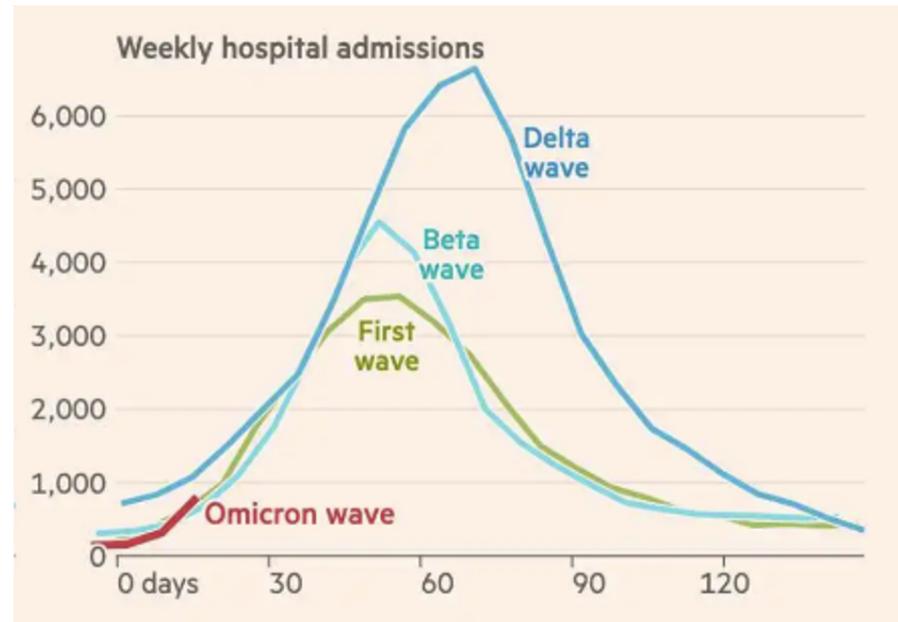


## Cases by number of days



\*Start of wave defined as when 7-day average of cases rose for 7 successive days

## Hospital Admissions by number of days



# Vaccination Efforts



## COVID-19 Vaccinations in Virginia

**Total Doses Administered - 13,407,020**

People Vaccinated  
with at Least One  
Dose\*

**6,463,100**

% of the Population  
Vaccinated with at  
Least One Dose

**75.7%**

People Fully  
Vaccinated<sup>^</sup>

**5,684,696**

% of the  
Population Fully  
Vaccinated

**66.6%**

People Vaccinated  
with Booster/  
Third Dose\*\*

**1,650,175**

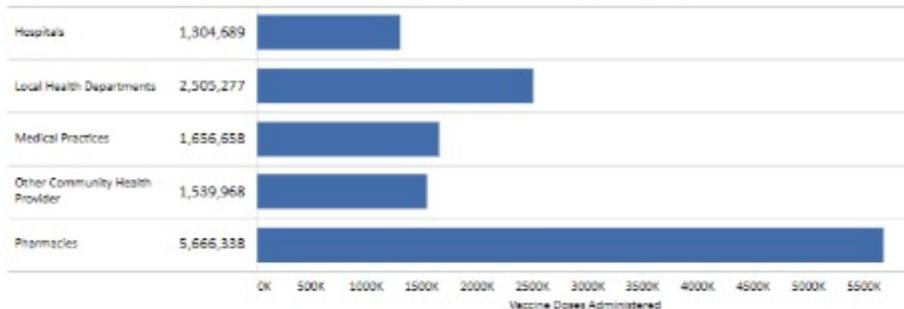
% of the Adult (18+) Population  
Vaccinated with at Least One  
Dose

**87.2%**

% of the Adult (18+)  
Population Fully Vaccinated

**77.4%**

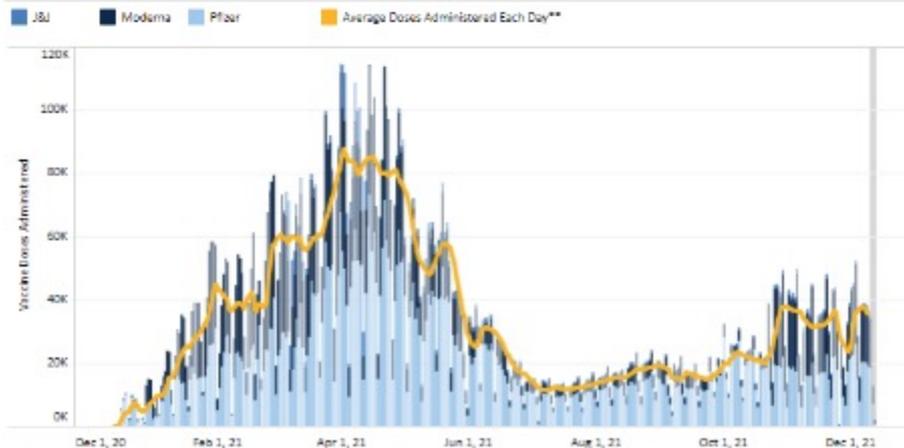
### COVID-19 Vaccine Doses Administered by Facility Type



### COVID-19 Vaccine Administration<sup>^</sup> by Day

Average Doses Administered  
Each Day\*\*

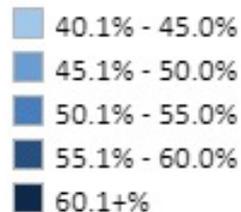
**46,119**



# Vaccination Rates

## People Vaccinated by Locality of Residence and Vaccination Status - Percent of Adult Population

Percent of the Population  
Fully Vaccinated

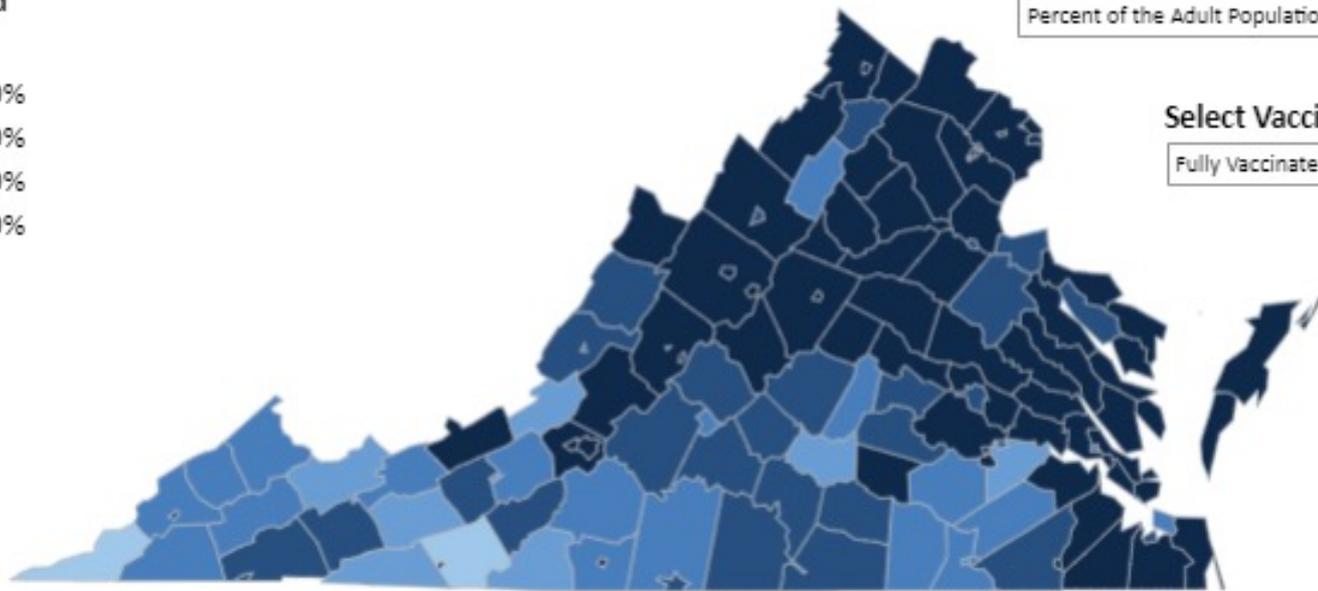


Select Counts, Rates, or Percents

Percent of the Adult Population

Select Vaccination Status

Fully Vaccinated



# Deaths per 100,000 Residents

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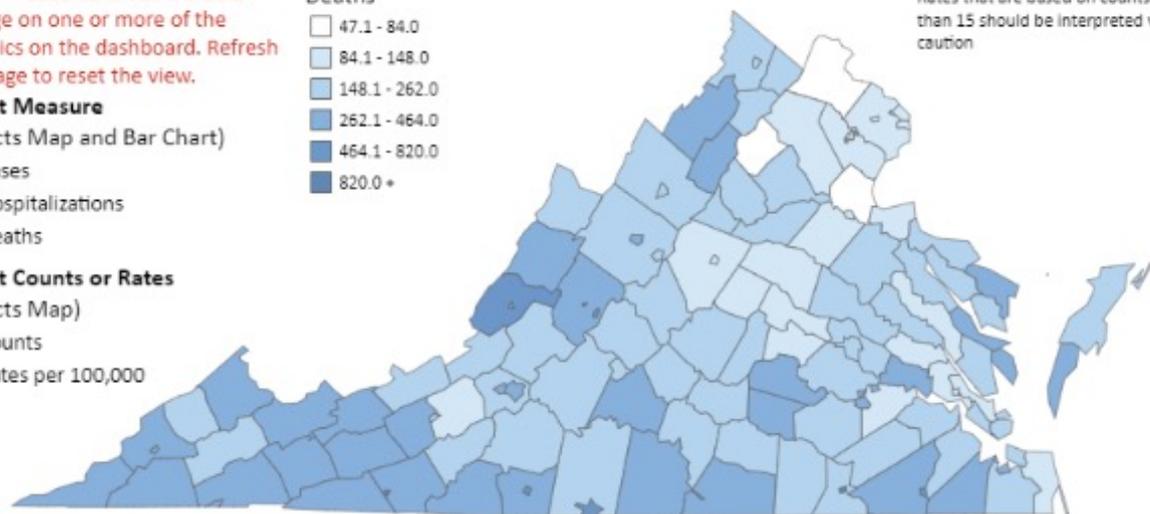
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- 464.1 - 820.0
- 820.0+

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# LET'S BE STRONGER THAN THE NEW COVID-19 VARIANTS!



Wear a mask  
over your nose  
and mouth



Stay at least 6 ft.  
away from others



Avoid crowds



Sign up for your  
free vaccine



**VACCINATE  
VIRGINIA**

[Vaccinate.Virginia.gov](https://www.vaccinate.virginia.gov) | 1-877-829-4682

**VDH** VIRGINIA  
DEPARTMENT  
OF HEALTH